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PTO/SB/05 (08-03)

Approved for use through 07/31/2006. OMB 0651-0032
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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

- Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
- Applicant claims small entity status.
See 37 CFR 1.27.
- Specification [Total Pages 68]
(preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (*if filed*)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
- Drawing(s) (35 U.S.C. 113) [Total Sheets 40]
- Oath or Declaration [Total Sheets 3]
 - a. Newly executed (original or copy)
 - b. Copy from a prior application (37 CFR 1.63(d)) *(for continuation/divisional with Box 18 completed)*
 - i. **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) name in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
- Application Data Sheet. See 37 CFR 1.76

| | |
|------------------------|------------------------|
| Attorney Docket No. | H0004232 (100.1223101) |
| First Inventor | Roland A. Wood |
| Title | TUNABLE SENSOR |
| Express Mail Label No. | EV315608161US |

10/7/07 US PTO
123103

7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission *(if applicable, all necessary)*
 - a. Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. CD-ROM or CD-R (2 copies); or
 - ii. Paper
 - c. Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. Assignment Papers (cover sheet & document(s))
10. 37 CFR 3.73(b) Statement Power of Attorney *(when there is an assignee)*
11. English Translation Document *(if applicable)*
12. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations
13. Preliminary Amendment
14. Return Receipt Postcard (MPEP 503) *(Should be specifically itemized)*
15. Certified Copy of Priority Document(s) *(if foreign priority is claimed)*
16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. Other:

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:

Continuation Divisional Continuation-in-part (CIP) of prior application No.: 10/100,298.....

Prior application information: Examiner Stephen K. Yam Art Unit: 2878
For CONTINUATION OF DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

Customer Number: 000128 OR Correspondence address below

| | | | |
|-----------------------------------|---|-----------|--------------|
| Name | Kris Fredrick | | |
| Address | Honeywell International Inc. 101 Columbia Road | | |
| City | Morristown | State | New Jersey |
| Country | US | Telephone | 763.954.5388 |
| Registration No. (Attorney/Agent) | 31,214 | | |
| Date | December 31, 2003 | | |

Name (Print/Type) John G. Shudy, Jr. Registration No. (Attorney/Agent) 31,214
Signature 

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public which is to file (and by the
to take 12 minutes to complete,
individual case. Any comments
Information Officer, U.S. Patent
COMPLETED FORMS TO THIS

CERTIFICATE UNDER 37 C.F.R. 1.10:

The undersigned hereby certifies that this paper or papers, as described herein, are being deposited in the United States Postal Service, "Express Mail Post Office to Addressee" having an Express Mail mailing label number of: EV315608161US, in an envelope addressed to: : Mail Stop Patent Application, Assistant Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450, on this 31st day of December, 2003.

By Lynn Thompson
Lynn Thompson

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FEE TRANSMITTAL

for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 1108.00)

| Complete if Known | |
|----------------------|---------------------------|
| Application Number | New US Patent Application |
| Filing Date | December 31, 2003 |
| First Named Inventor | Roland A. Wood |
| Examiner Name | unknown |
| Art Unit | unknown |
| Attorney Docket No. | H0004232 (1100.1223101) |

METHOD OF PAYMENT (check all that apply)

Check Credit card Money Order Other None

 Deposit Account:

| | |
|------------------------|--------------------------|
| Deposit Account Number | 50-0413 |
| Deposit Account Name | Crompton, Seager & Tufte |

The Director is authorized to: (check all that apply)

- Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) or any underpayment of fee(s)
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

| Large Entity Fee Code (\$) | Fee | Small Entity Fee Code (\$) | Fee Description | Fee Paid |
|----------------------------|-----|----------------------------|-----------------|------------------------|
| 1001 | 770 | 2001 | 385 | Utility filing fee |
| 1002 | 340 | 2002 | 170 | Design filing fee |
| 1003 | 530 | 2003 | 265 | Plant filing fee |
| 1004 | 770 | 2004 | 385 | Reissue filing fee |
| 1005 | 160 | 2005 | 80 | Provisional filing fee |
| SUBTOTAL (1) | | | | (\$ 770.00) |

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

| | | Extra Claims | Fee from below | Fee Paid |
|--------------------|----|--------------|----------------|----------|
| Total Claims | 34 | -20** = 14 | x 18 | = 252. |
| Independent Claims | 4 | - 3** = 1 | x 86 | = 86. |
| Multiple Dependent | | | | |

| Large Entity Fee Code (\$) | Fee | Small Entity Fee Code (\$) | Fee Description |
|----------------------------|-----|----------------------------|--|
| 1202 | 18 | 2202 | 9 Claims in excess of 20 |
| 1201 | 86 | 2201 | 43 Independent claims in excess of 3 |
| 1203 | 290 | 2203 | 145 Multiple dependent claim, if not paid |
| 1204 | 86 | 2204 | 43 ** Reissue independent claims over original patent |
| 1205 | 18 | 2205 | 9 ** Reissue claims in excess of 20 and over original patent |
| SUBTOTAL (2) | | | |

**or number previously paid, if greater; For Reissues, see above

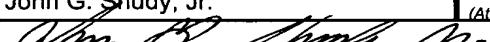
3. ADDITIONAL FEES

| Large Entity Fee Code (\$) | Fee | Small Entity Fee Code (\$) | Fee Description | Fee Paid |
|----------------------------|--------|----------------------------|---|----------|
| 1051 | 130 | 2051 | 65 Surcharge - late filing fee or oath | |
| 1052 | 50 | 2052 | 25 Surcharge - late provisional filing fee or cover sheet | |
| 1053 | 130 | 1053 | 130 Non-English specification | |
| 1812 | 2,520 | 1812 | 2,520 For filing a request for ex parte reexamination | |
| 1804 | 920* | 1804 | 920* Requesting publication of SIR prior to Examiner action | |
| 1805 | 1,840* | 1805 | 1,840* Requesting publication of SIR after Examiner action | |
| 1251 | 110 | 2251 | 55 Extension for reply within first month | |
| 1252 | 420 | 2252 | 210 Extension for reply within second month | |
| 1253 | 950 | 2253 | 475 Extension for reply within third month | |
| 1254 | 1,480 | 2254 | 740 Extension for reply within fourth month | |
| 1255 | 2,010 | 2255 | 1,005 Extension for reply within fifth month | |
| 1401 | 330 | 2401 | 165 Notice of Appeal | |
| 1402 | 330 | 2402 | 165 Filing a brief in support of an appeal | |
| 1403 | 290 | 2403 | 145 Request for oral hearing | |
| 1451 | 1,510 | 1451 | 1,510 Petition to institute a public use proceeding | |
| 1452 | 110 | 2452 | 55 Petition to revive - unavoidable | |
| 1453 | 1,330 | 2453 | 665 Petition to revive - unintentional | |
| 1501 | 1,330 | 2501 | 665 Utility issue fee (or reissue) | |
| 1502 | 480 | 2502 | 240 Design issue fee | |
| 1503 | 640 | 2503 | 320 Plant issue fee | |
| 1460 | 130 | 1460 | 130 Petitions to the Commissioner | |
| 1807 | 50 | 1807 | 50 Processing fee under 37 CFR 1.17(q) | |
| 1806 | 180 | 1806 | 180 Submission of Information Disclosure Stmt | |
| 8021 | 40 | 8021 | 40 Recording each patent assignment per property (times number of properties) | |
| 1809 | 770 | 2809 | 385 Filing a submission after final rejection (37 CFR 1.129(a)) | |
| 1810 | 770 | 2810 | 385 For each additional invention to be examined (37 CFR 1.129(b)) | |
| 1801 | 770 | 2801 | 385 Request for Continued Examination (RCE) | |
| 1802 | 900 | 1802 | 900 Request for expedited examination of a design application | |
| Other fee (specify) _____ | | | | |

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

SUBMITTED BY

| Name (Print/Type) | John G. Shudy, Jr. | Registration No. (Attorney/Agent) | 31,214 | Telephone | 612.677.9050 |
|-------------------|---|-----------------------------------|--------|-----------|-------------------|
| Signature |  | | | Date | December 31, 2003 |

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This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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